

+	1	MENGTHVNGSANGFCIKDPLNWGVAAEALTGSHLDEVKKMVGEFRKPVVK	Sunflower
	1	MENGTHVNGVNELCIKDPLNWGVAAEALTGSHLDEVKKMVAEFRKPVVK	100%
	51	LGGETLTVSQVAGISAAGDGNMVKVELSEAARAGVKASSDWVME SMNKGT	Sunflower
	51	LGGETLTVSQVAGIAAANDSDTVKVELSEAARAGVKASSDWVME SMNKGT	100%
	101	DSYGVTTGFGATSHRRTKNGGALQKELIRFLNAGIFGNGTESSHTLPHSA	Sunflower
	101	DSYGVTTGFGATSHRRTK GGALQKELIRFLNAGIFGNGTE T HTLPHSA	100%
	151	TRAAMIVRINTLLQGYSGIRFEILEAITKFLNNNITPCLPLRGTTITASGD	Sunflower
	151	TRAAMIVRINTLLQGYSGIRFEILEAITKFLN N TP LPLRGTTITASGD	100%
	201	LVPLSYIAGLLTGRPNASKAVGPAGEVLNAESAFAQAGVEGGFFELQPKEG	Sunflower
	201	LVPLSYIAGLLTGR NSKAVGPTCEVLNAEKAFAGVEGGFFELQPKEG	100%
	251	LALVNGTAVGSGMASMVLFEANVLALLSEVLSAIFAEMQCKPEFTDHLT	Sunflower
	251	LALVNGTAVGSGMASMVLFDANVLALLSEVLSAIFAEMQCKPEFTDHLT	100%
	301	HKLKHHHPGQIEAAAIMIYILDGSDYVKAQKVHEMDPLQKPKQDRYALRT	Sunflower
	301	HKLKHHHPGQIEAAAIMIYILDGSDYVKAQKVHEMDPLQKPKQDRYALRT	100%
	351	SPQWLGPQIEVIRSATKMIEREINSVNDNPLIDVSRNKALHGGNFQGTPI	Sunflower
	351	SPQWLGPQIEVIRSS TKMIEREINSVNDNPLIDVSRNKALHGGNFQGTPI	100%
	401	GVSMNTRLAIAAIGKVTIAQFSELVNDFYNNGLPSHLSGGRNPSLD SGF	Sunflower
	401	GVSMNTRLAIAAIGKLMFAQFSELVNDFYNNGLPSNLSGGRNPSLD YGF	100%
	451	KGGEIAMASYCSELQFLANPVTNHVQSAEQHNQDVNSLGLISARKTAEAV	Sunflower
	451	KGGEIAMASYCSELQFLANPVTNHVQSAEQHNQDVNSLGLISARKTAEAV	100%
	501	DILKLMSSSTYLVALCQSIDLRHLEENMKSTVKNTVSQVAKKVLTMGVNGE	Sunflower
	501	DILKLMSSSTYLVALCQSIDLRHLEENMKSTVKNTVSQVAKKVLTMGVNGE	100%
	551	LHPSRFCEKDLLRVVDREYVFAYADDPCLTTYPLMQKLRQVLVDHALNNG	Sunflower
	551	LHPSRFCEKDLLRVVDREYVFAYIDDVCSGTYPLMQKLRQVLVDHALNNG	100%
	601	ETEKNANTSIFQKIATFEDELKAILPKEVESVRVAFENGTM SIPNRIKAC	Sunflower
	601	ETEKNTNTSIFQKIATFEELKVLLPKEVEGVR IAYENDT LSIPNRIKAC	100%
	651	RSYPLYRFVREELGGA	Sunflower
	651	RSYPLYRFVREELGRGFLTGEKVTSPGEEFDRVFTAMCKGQIIDPLECL	100%
	701	GGWNGEPLPIC	100%

Figure 3